CMPT 454 - D100 Database Systems II

Instructor(s): John Edgar

Calendar Objective/Description:
Database Systems II

Instructor's Objectives:
This course will be conducted online, and as such will require access to the internet. Course assignments will include writing and submitting programs written in C++ so access to a computer with a C++ development environment (i.e. a text editor and compiler) is necessary. Assessment will include frequent online timed quizzes. The exact marking scheme will be given in the first week of class and may not include a final exam.

Prerequisites:
see go.sfu.ca

Topics:
- Data storage
- Index
- Query optimization
- Transaction management, Concurrency control, Crash Recovery

Grading:
Assessment will include frequent online timed quizzes. The exact marking scheme will be given in the first week of class and may not include a final exam.

Students must attain an overall passing grade on the weighted average of exams in the course in order to obtain a clear pass (C- or better).

Recommended Books:
Fundamentals of Database Systems 7/e, Elmasri and Navathe, Pearson, 2015, 9780133970777

Academic Honesty Statement:
Academic honesty plays a key role in our efforts to maintain a high standard of academic excellence and integrity. Students are advised that ALL acts of intellectual dishonesty will be handled in accordance with the SFU Academic Honesty and Student Conduct Policies (http://www.sfu.ca/policies/gazette/student.html).